

Dredging and Waterway Modification

	Goals	Revised 2007
	Problem Statement	Revised 2007
	Existing Management Structure	Revised 2007
	Achievements	New 2007
	Regulatory Improvements	New 2007
	Challenges	New 2007
Objective DW-1	Determine behavior and fate of sediments in the Estuary	1993 CCMP
Action DW-1.1	Conduct sediment transport studies and research	Revised 2007
Action DW-1.2	Sediment studies in marshes & mudflats	Revised 2007
Action DW-1.3	Continue to adopt and improve sediment management policies	Revised 2007
Objective DW-2	Determine bioavailability of contaminants released by dredging	1993 CCMP
Action DW-2.1	Sediment effects on aquatic species	Revised 2007
Action DW-2.2	Sediment quality objectives	Revised 2007
Action DW-2.3	Assess amount of material suitable for reuse	New 2007
Action DW-2.4	Address sediment quality and contaminant issues on a regional scale	New 2007
Objective DW-3	Develop a comprehensive regional dredging strategy	1993 CCMP
Action DW-3.1	Dredged needs assessment	Revised 2007
Action DW-3.2	Dredged material reuse and disposal	Revised 2007
Action DW-3.3	Regulatory land use procedures	Revised 2007
Action DW-3.4	Aquatic & terrestrial resources affected by dredging	Revised 2007
Action DW-3.5	Dredged material reference sites	Revised 2007
Action DW-3.6	Remove derelict structures revised to include sunken vessels and piles	Revised 2007
Action DW-3.7	Continue to implement regulatory & management of dredging & disposal	Revised 2007
Action DW-3.8	Develop a system to standardize dredging permit conditions	New 2007
Action DW-3.9	In-place knockdowns as an alternative to dredging	New 2007
Objective DW-4	Encourage use of dredged material for restoration projects	1993 CCMP
Action DW-4.1	Identify dredged material disposal options: Who, What updated	Revised 2007
Action DW-4.2	Conduct modeling of saltwater intrusion impacts of dredging	Revised 2007
Action DW-4.3	Update guidance for dredged materials testing	Revised 2007

Objective DW-5	Identify threats & benefits from future waterway modifications	1993 CCMP
Action DW-5.1	Identify areas vulnerable to climate change and sea level rise	Revised 2007
Action DW-5.2	Implement waterway modification policies protecting shoreline areas	Revised 2007
Action DW-5.3	Acquisition of diked baylands as buffer areas must adapt to sea level rise	Revised 2007
Action DW-5.4	Conduct studies on impacts of proposed new waterway modifications	New 2007
Action DW-5.5	Identify impacts of waterway modification & evaluate mitigation options	New 2007
Action DW-5.6	Minimize vectors for non-native invasive species due to waterway modification	New 2007
Action DW-5.7	Study saltwater intrusion impacts caused by dredging projects	New 2007
Action DW-5.8	Encourage information sharing and usage within LTMS community	New 2007
Objective DW-6	Develop LTMS for the Delta	New 2007
Action DW-6.1	Continue to develop and implement Delta LTMS	New 2007